No. 819,903. PATENTED MAY 8, 1906.

F. MAUSSNER.

MATTRESS.

APPLICATION FILED AUG. 15, 1905.

FIG. 1.

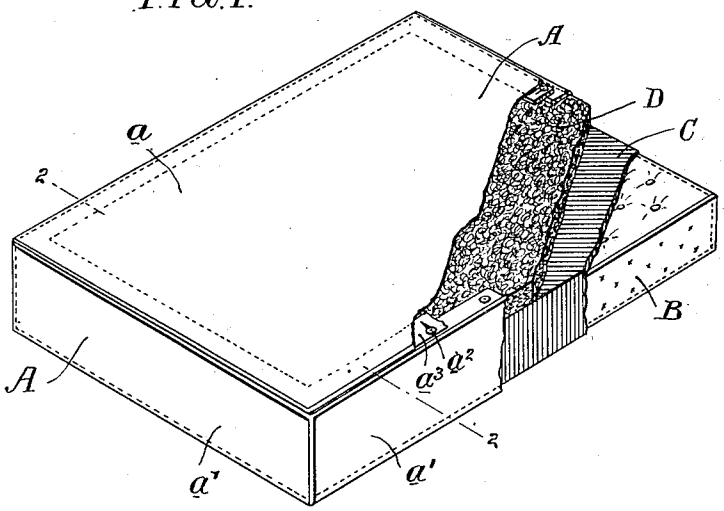
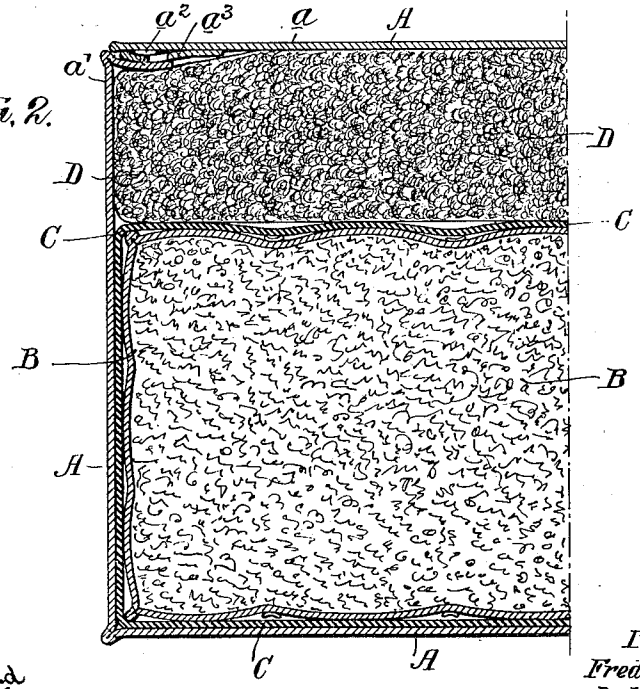


FIG. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

FREDERICK MAUSSNER, OF PHILADELPHIA, PENNSYLVANIA.

MATTRESS.

No. 819,903. Specification of Letters Patent. Patented May 8, 1906.

Application filed August 16, 1905. Serial No. 274,257.

To all whom it may concern:

Be it known that I, FREDERICK MAUSSNER, a subject of the German Emperor, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Mattresses, of which the following is a specification.

My invention relates to improvements in mattresses, and particularly to mattresses used in the sick-room or hospital.

The object of my invention is to construct a sanitary mattress which will protect the patient and which may be readily taken apart and cleansed and dried.

In my improved mattress the lower or main mattress portion is protected by a waterproof covering, and above said waterproof covering is provided a thick porous mat through which the exudations from the body of the patient may percolate and be collected by the said waterproof covering of the main mattress portion. The porous mat is of sufficient thickness to keep the patient above the moisture that is collected upon the said waterproof covering.

Referring to the drawings, Figure 1 is a perspective view of my improved mattress, showing a portion of the same broken or in sections. Fig. 2 is a sectional view of a portion of the mattress, as on line 2 2, Fig. 1.

In the drawings, A represents a tick which incases the parts comprising the mattress. The tick has a removable top *a*, secured to the side pieces *a'* by means of buttons a^2, carried by the said side pieces. The piece *a* has a blind fold a^3, in which are formed the buttonholes, so that the buttons will not show.

The main mattress portion B of the mattress is constructed in the usual manner of making mattresses. A protecting-cover C, of waterproof material, is used to protect the said main mattress portion B from any injury by moisture. The waterproof covering C may be made in the form of a casing to inclose the main mattress portion B, as shown, or a waterproof draw-sheet may be used to protect the main mattress portion instead of the casing without departing from my invention.

Above the waterproof covering C is the porous pad D, which may be made of felt, fiber, or interwoven hair, but preferably the latter, to permit the water to readily pass through the pad D to the waterproof covering C, where it will be retained until the mattress can be taken apart and cleansed.

The advantages of my invention are that by arranging the different parts of the mattress as above described the main mattress portion will be protected from injury by moisture, the waterproof covering will collect the water, and said covering may readily be removed and dried, and the porous pad is of sufficient thickness to raise the patient above the waterproof covering to prevent the body of the patient from coming in contact with the moisture upon the said waterproof covering.

My improved mattress is particularly adapted for general use, as it can be manufactured at a small cost. A cheap vegetable fiber may be used for filling the main mattress portion, which when used in connection with the interwoven hair pad will have the effect of a hair mattress and can be made at a much lower cost than a mattress made entirely of hair.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. The combination in a mattress, of a porous pad, a main mattress portion, a waterproof covering between said porous pad and said main mattress portion, and a tick to incase the above-mentioned parts, substantially as described.

2. The combination in a mattress, of a porous pad, a main mattress portion, a waterproof covering to incase said main mattress portion and protect the same, said porous pad being of sufficient thickness to raise the patient above said waterproof covering, and a tick to incase said above-mentioned parts to complete the mattress, substantially as described.

3. The combination in a mattress, of a porous pad, a main mattress portion, a waterproof covering between said porous pad and said main mattress portion, a tick to incase said above-mentioned parts, and said tick having a removable top, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK MAUSSNER.

Witnesses:
HENRY N. MONTGOMERY,
KATHARINE D. DETWILER.